

| L Number | Hits   | Search Text  | DB  | Time stamp       |
|----------|--------|--|---|------------------|
| 1        | 1358   | nonionic adj (monomer or monomers)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:23 |
| 2        | 724    | water adj (solubility or solubilities)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 07:55 |
| 3        | 32963  | water adj (solubility or solubilities)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:23 |
| 4        | 504    | "QSAR"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 07:56 |
| 6        | 4      | ((nonionic adj (monomer or monomers)) and ((water adj (solubility or solubilities)) and "QSAR"))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 07:56 |
| 5        | 37     | ((water adj (solubility or solubilities)) and "QSAR"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:10 |
| 7        | 58     | ((nonionic adj (monomer or monomers)) same (water adj (solubility or solubilities))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:10 |
| 8        | 8      | nonionic adj (monomer or monomers)   | USOCR                                       | 2003/09/01 08:23 |
| 9        | 7666   | water adj (solubility or solubilities)   | USOCR                                       | 2003/09/01 08:24 |
| 10       | 24016  | vinyl adj pyrrolidone or hydroxyalkyl adj (methacrylate or acrylate) or vinyl adj acetate or acrylamide or vinyl adj formamide   | USOCR                                       | 2003/09/01 08:26 |
| 11       | 939    | ((water adj (solubility or solubilities)) and (vinyl adj pyrrolidone or hydroxyalkyl adj (methacrylate or acrylate) or vinyl adj acetate or acrylamide or vinyl adj formamide)   | USOCR                                       | 2003/09/01 08:26 |
| 12       | 565    | ((water adj (solubility or solubilities)) same (vinyl adj pyrrolidone or hydroxyalkyl adj (methacrylate or acrylate) or vinyl adj acetate or acrylamide or vinyl adj formamide)  | USOCR                                       | 2003/09/01 08:26 |
| 13       | 329    | ((((water adj (solubility or solubilities)) and (vinyl adj pyrrolidone or hydroxyalkyl adj (methacrylate or acrylate) or vinyl adj acetate or acrylamide or vinyl adj formamide)) or ((water adj (solubility or solubilities)) same (vinyl adj pyrrolidone or hydroxyalkyl adj (methacrylate or acrylate) or vinyl adj acetate or acrylamide or vinyl adj formamide))) and 524/\$7.ccls. | USOCR                                       | 2003/09/01 08:27 |
| 14       | 174836 | values   | USOCR                                       | 2003/09/01 08:29 |
| 15       | 695    | ((water adj (solubility or solubilities)) same values  | USOCR                                       | 2003/09/01 08:29 |
| 16       | 100    | ((vinyl adj pyrrolidone or hydroxyalkyl adj (methacrylate or acrylate) or vinyl adj acetate or acrylamide or vinyl adj formamide) and ((water adj (solubility or solubilities)) same values )  | USOCR                                       | 2003/09/01 08:29 |
| 17       | 37     | ((vinyl adj pyrrolidone or hydroxyalkyl adj (methacrylate or acrylate) or vinyl adj acetate or acrylamide or vinyl adj formamide) and ((water adj (solubility or solubilities)) same values )) and 524/\$7.ccls.   | USOCR                                       | 2003/09/01 08:37 |
| 18       | 0      | acetoacetoxy adj (acrylate or methacrylate)  | USOCR                                       | 2003/09/01 08:38 |
| 19       | 12     | acetoacetoxy adj2 (acrylate or methacrylate)   | USOCR                                       | 2003/09/01 08:40 |
| 20       | 317322 | "TABLE"  | USOCR                                       | 2003/09/01 08:41 |
| 21       | 1282   | ((water adj (solubility or solubilities)) same "TABLE"   | USOCR                                       | 2003/09/01 08:41 |
| 22       | 160    | ((vinyl adj pyrrolidone or hydroxyalkyl adj (methacrylate or acrylate) or vinyl adj acetate or acrylamide or vinyl adj formamide) and ((water adj (solubility or solubilities)) same "TABLE"))   | USOCR                                       | 2003/09/01 08:41 |

|    |         |   |   |                  |
|----|---------|---|---|------------------|
| 23 | 94      | (vinyl adj pyrrolidone or hydroxyalkyl adj (methacrylate or acrylate) or vinyl adj acetate or acrylamide or vinyl adj formamide) same ((water adj (solubility or solubilities)) same "TABLE")   | USOCR                                       | 2003/09/01 08:41 |
| 24 | 52      | ((vinyl adj pyrrolidone or hydroxyalkyl adj (methacrylate or acrylate) or vinyl adj acetate or acrylamide or vinyl adj formamide) and ((water adj (solubility or solubilities)) same "TABLE")) or ((vinyl adj pyrrolidone or hydroxyalkyl adj (methacrylate or acrylate) or vinyl adj acetate or acrylamide or vinyl adj formamide) same ((water adj (solubility or solubilities)) same "TABLE")))) and 524/\$7.ccls. | USOCR                                       | 2003/09/01 08:54 |
| 25 | 1372    | triton\$ same "405" or Tergitol\$ same "S-40" or Tergitol\$ same "S adj2 40"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:55 |
| 26 | 139442  | acetoacetoxo or vinyl adj acetate   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:56 |
| 27 | 471     | (triton\$ same "405" or Tergitol\$ same "S-40" or Tergitol\$ same "S adj2 40") and (acetoacetoxo or vinyl adj acetate)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:56 |
| 28 | 52932   | glass adj transition adj temperature  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:57 |
| 29 | 102     | ((triton\$ same "405" or Tergitol\$ same "S-40" or Tergitol\$ same "S adj2 40") and (acetoacetoxo or vinyl adj acetate)) and (glass adj transition adj temperature)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:57 |
| 30 | 280300  | particle adj size   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:57 |
| 31 | 6048594 | acid ajd (number or value)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:58 |
| 32 | 178718  | (particle adj size) and (acid ajd (number or value))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:58 |
| 33 | 74      | ((triton\$ same "405" or Tergitol\$ same "S-40" or Tergitol\$ same "S adj2 40") and (acetoacetoxo or vinyl adj acetate)) and (glass adj transition adj temperature)) and (particle adj size)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 08:59 |
| 34 | 74      | (acid ajd (number or value)) and (((triton\$ same "405" or Tergitol\$ same "S-40" or Tergitol\$ same "S adj2 40") and (acetoacetoxo or vinyl adj acetate)) and (glass adj transition adj temperature)) and (particle adj size))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/09/01 09:00 |